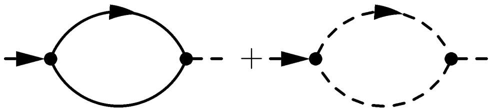
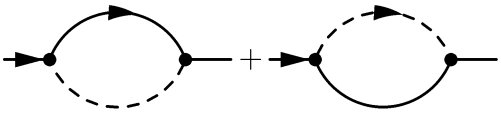
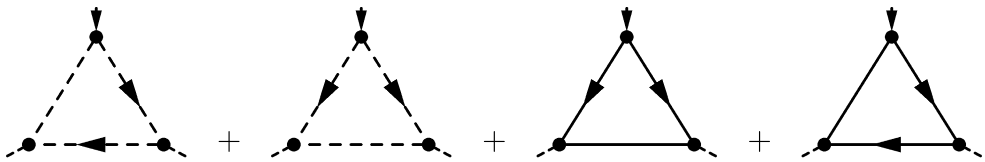
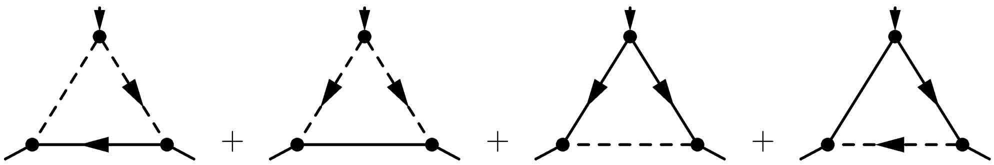
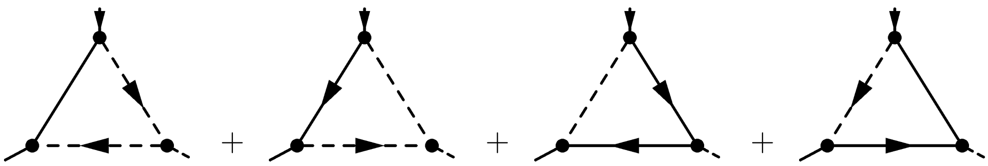
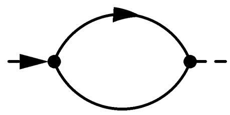
$\langle v^{'} v\rangle_{1-ir} =$  (1)

$\langle \theta^{'} \theta\rangle_{1-ir} =$  (2)

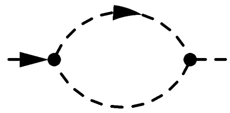
$\langle v^{'} v v\rangle_{1-ir} =$ 

$\langle v^{'} \theta \theta\rangle_{1-ir} =$ 

$\langle \theta \theta^{'} v\rangle_{1-ir} =$ 



$$= \frac{\omega_0 \nu_0^3 S_d \delta_{ij} P^2}{z 4 k_0 (2\pi)^d} * \frac{d-2}{d^2} \tag{3}$$



$$= \frac{-D_0 S_d P^2 \delta_{ij}}{(2\pi)^d y 4 \nu_0^2} * \frac{d^2 - d + 2}{d^2} \tag{4}$$